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DIVISION OF AGRICULTURAL SCIENCES
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Pacific Coast Canned Fruits F.O.B. Price Relationships 1968–69

Cling Peaches
Pears
Freestone Peaches
Apricots
Fruit Cocktail
Apples and Applesauce

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CALIFORNIA AGRICULTURAL EXPERIMENT STATION
GIANNINI FOUNDATION OF AGRICULTURAL ECONOMICS

Giannini Foundation Research Report No. 302
July 1969

PACIFIC COAST CANNED FRUITS
F.O.B. PRICE RELATIONSHIPS, 1968-69
CLING PEACHES, PEARS, FREESTONE PEACHES
APRICOTS, FRUIT COCKTAIL, AND APPLES AND APPLESAUCE

by

Sidney Hoos[1/] and George M. Kuznets[2/]

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Introduction

This summary supersedes the recently issued preliminary report on Pacific Coast canned fruit prices and shipments.[1/] The earlier report included estimated preliminary data on canners' shipments for 1968-69 and was issued to provide the industries with the latest available information. This report includes, and is based on, final and complete data on f.o.b. prices and movements of the various fruits. It should be noted that the 1968-69 price data incorporated in the report reflect industry operations for the 12-month period, June 1, 1968-May 31, 1969; that is, the complete marketing year 1968-69. Where final or complete data are not available (exports), estimates are provided and used in this report. The results and data presented here are issued to provide the industry and governmental and private marketing organizations with materials used in the discussion and formulation of marketing policies, plans, and programs.

The report first presents summary highlights on the industry average f.o.b. price experience and on the f.o.b. shipments by canners during 1968-69. Then are summarized economic-statistical relationships of the average f.o.b. prices to major market influences for canned cling peaches, pears, freestone peaches, and apricots. Sources of the data and their characteristics are noted before the industry statistics are given in tables which incorporate the basic data and the results of the f.o.b. price analyses.

1/ Sidney Hoos and George M. Kuznets, Preliminary Report--Pacific Coast Canned Fruits, F.O.B. Price Relationships, 1968-69 (Berkeley: California Agricultural Experiment Station, May 13, 1969), 31p.

F.O.B. Prices and Movement, 1968-69

The f.o.b. prices which reflect the average industry experience during the 1968-69 marketing year are summarized as follows:

Canned fruit	1968-69 average f.o.b. prices
	dollars per case; 24 No. 2½ basis
California cling peaches (choice, No. 2½)	5.30
California apricots (choice, No. 2½)	6.70
Pacific Coast pears (choice, No. 2½)	7.25
Pacific Coast Elberta freestone peaches (fancy, No. 2½)	7.10
California fruit cocktail (choice, No. 2½)	6.35
Hawaiian pineapple (fancy, sliced, No. 2½, f.o.b. San Francisco)	8.50

The estimated movement of canned fruit from canners during 1968-69 is given in detail in the appended tables. But the following table presents the indicated summary results.

Canned fruit	1968-69 movement from canners		
	Total	Commercial	Domestic commercial
	thousands of cases; 24 No. 2½ basis		
California cling peaches	27,281	25,634	23,034
California apricots	4,447	3,487	3,434
Pacific Coast pears	8,690	7,962	7,862
Pacific Coast freestone peaches	3,663	3,657	3,657
California fruit cocktail	16,090	15,202	12,802

Also, it is estimated that some 15,857,000 cases (24 No. 2½ basis) of pineapple moved into trade channels through packers' and importers' shipments for domestic civilian consumption.

F.O.B. Price Relationships

In addition to providing the basic marketing information summarized above and in the attached tables, this report presents the results of statistical analyses of the major factors which are related to the industry average f.o.b. prices of canned cling peaches, pears, apricots, and freestone peaches. The major price-affecting factors include the commercial movement from canneries, the level of national disposable personal income, and the relative level of prices of canned fruits competing with the respective canned fruits. Those price-influencing factors are shown in tables appended to this report. The f.o.b. price relationships may be summarized as follows:

Canned Cling Peaches

A change of 10 percent in the total commercial movement (24 No. 2½ basis) of California canned cling peaches, considered by itself, was on the average accompanied by a change in the opposite direction of about 5 percent in the f.o.b. price (choice, No. 2½) of canned cling peaches.

An increase of 10 percent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 3 percent in the f.o.b. price (choice, No. 2½) of canned cling peaches.

A change of 10 percent in the weighted average of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 4 percent in the f.o.b. price (choice, No. 2½) of canned cling peaches.

Differences between the actual f.o.b. prices of canned cling peaches (choice, No. 2½) and those accounted for by the statistical analysis are given in Table 5 of this report.

Canned Pears

A change of 10 percent in the commercial domestic movement (24 No. 2½ basis) of Pacific Coast canned pears, considered by itself, was on the average accompanied by a change in the opposite direction of about 5 percent a case in the f.o.b. price (choice, No. 2½) of Pacific Coast canned pears.

An increase of 10 percent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 2 percent a case in the f.o.b. price (choice, No. 2½) of Pacific Coast canned pears.

A change of 10 percent in the weighted average of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 12 percent a case in the f.o.b. price (choice, No. 2½) of Pacific Coast canned pears.

Differences between the actual f.o.b. prices of Pacific Coast canned pears (choice, No. 2½) and those explained by the statistical analysis are given in Table 9 of this report.

Canned Apricots

A change of 10 percent in the commercial domestic movement (24 No. 2½ basis) of California canned apricots, considered by itself, was on the average accompanied by a change in the opposite direction of about 4 percent in the f.o.b. price (choice, No. 2½) of canned apricots.

A change of 10 percent in the index of disposable income, considered by itself, was on the average accompanied by a change in the same direction of about 8 percent in the f.o.b. price (choice, No. 2½) of canned apricots.

A change of 10 percent in the adjusted index of prices of competing canned fruits, considered by itself, was on the average accompanied by a change in the same direction of about 7 percent in the f.o.b. price (choice, No. 2½) of canned apricots.

Differences between the actual f.o.b. prices of canned apricots (choice, No. 2½) and those explained by the statistical analysis are given in Table 13 of this report.

Canned Freestone Peaches

A change of 10 percent in the commercial domestic movement (24 No. 2½ basis) of Pacific Coast canned freestone peaches, considered by itself, was on the average accompanied by a change in the opposite direction of about 3 percent a case in the f.o.b. price (fancy, No. 2½) of Pacific Coast canned freestone peaches.

An increase of 10 percent in the index of disposable income, considered by itself, was on the average accompanied by an increase of about 1 percent a case in the f.o.b. price (fancy, No. 2½) of Pacific Coast canned freestone peaches.

A change of 10 percent in the f.o.b. price of California canned cling peaches (choice, No. 2½), considered by itself, was on the average accompanied by a change in the same direction of about 9 percent a case in the f.o.b. price (fancy, No. 2½) of Pacific Coast canned freestone peaches.

Differences between the actual f.o.b. prices of Pacific Coast canned freestone peaches (fancy, No. 2½) and those accounted for by the statistical analysis are given in Table 17 of this report.

Data

Although the sources of the data on which this report is based are indicated in the footnotes of the various tables, the following supplementary explanations may be noted for the 1968-69 prices, movement data, and other economic information used in the analyses.

The f.o.b. prices of cling peaches, pears, freestone peaches, fruit cocktail, and apricots are industry average prices reflecting cannery operations. The f.o.b. prices for canned pears and freestone peaches reflect operations of canneries in the Pacific Northwest as well as in California. The canned pear and freestone peach prices for the Northwest were collected through the Northwest Canners and Freezers Association and for California were collected through the Canners League of California. The 1968-69 price data for cling peaches and fruit cocktail were collected through the Cling Peach Advisory Board, and the prices for canned apricots were collected through the Canners League of California. The price data for Hawaiian pineapple are based on published quotations supplemented by trade information.

The data on canner stocks and movement are based on reports issued by the following agencies: for cling peaches and fruit cocktail, the Cling Peach Advisory Board; for apricots, California canned pears, and California canned freestone peaches, the Canners League of California; and for Northwest canned pears and freestone peaches, the Northwest Canners and Freezers Association. The movement data for canned pineapple were derived from trade sources.

The index of United States disposable personal income is based on reports issued by the U. S. Department of Commerce. The levels of competing canned fruit prices for each of the fruits are measured by indexes constructed as indicated in Tables 6, 10, 14, and 18 appended to this report. Exports are

based on U. S. Department of Commerce reports, and United States government purchases are based on releases issued by the U. S. Departments of Agriculture and Defense.

TABLE 1

F.O.B. Prices[a/] of Canned Fruits, from 1924-25

Marketing year, June through May	California cling peaches (choice, No. 2½)	California apricots (choice, No. 2½)	Pacific Coast pears (choice, No. 2½)	Pacific Coast freestone peaches (fancy, No. 2½)	California fruit cocktail (choice, No. 2½)	Hawaiian pineapple (sliced, fancy, No. 2½) f.o.b. San Francisco
	1	2	3	4	5	6
	dollars per case					
1924-25	4.72	4.60	5.85			5.20
1925-26	4.23	4.40	5.90			4.30
1926-27	4.10	4.55	4.70			4.70
1927-28	3.45	4.65	5.00			4.20
1928-29	3.50	4.35	4.50			4.40
1929-30	4.57	4.65	5.25			4.70
1930-31	3.20	4.00	3.90			4.00
1931-32	2.80	3.25	3.10			3.00
1932-33	2.15	2.75	2.75			3.10
1933-34	2.49	3.00	2.90			3.60
1934-35	2.88	4.15	3.35	4.00		3.60
1935-36	2.66	3.25	3.20	3.80		3.60
1936-37	2.79	3.10	3.20	3.80	3.90	3.60
1937-38	3.11	3.30	3.35	3.80	4.00	3.80
1938-39	2.44	2.75	3.05	3.70	3.40	3.40
1939-40	2.56	3.40	3.60	3.60	3.75	3.60
1940-41	2.43	3.80	3.35	3.60	3.35	3.60
(War years)						
1947-48	4.78	6.00	7.10	6.50	6.90	6.10
1948-49	5.10	5.25	8.10	7.00	6.65	6.80
1949-50	4.07	5.00	5.30	5.90	5.70	6.40
1950-51	5.17	5.75	7.80	7.50	6.65	6.80
1951-52	5.53	5.94	7.86	7.50	6.68	6.80
1952-53	5.32	5.68	6.49	7.00	6.41	6.85
1953-54	5.12	5.25	6.91	6.70	6.67	6.85
1954-55	5.17	5.66	6.92	6.45	6.57	6.90
1955-56	5.70	5.10	6.72	6.78	6.56	7.35
1956-57	5.35	5.60	6.89	6.29	6.22	7.40
1957-58	5.10	5.48	6.25	6.10	6.28	7.45
1958-59	5.36	6.75	6.88	6.16	6.83	7.75
1959-60	4.89	5.38	6.15	5.79	6.27	8.05
1960-61	4.86	5.24	6.50	5.52	6.17	8.05
1961-62	4.70	4.95	6.53	5.37	5.75	8.15
1962-63	4.50	5.65	5.64	5.20	5.40	8.20
1963-64	4.87	5.30	7.60	6.00	6.50	8.50
1964-65	4.51	5.26	6.29	5.68	5.78	8.50
1965-66	4.65	4.90	7.55	5.80	6.75	8.50
1966-67	4.63	5.15	6.14	6.00	6.00	8.50
1967-68	5.50	6.55	9.00	7.15	7.20	8.50
1968-69	5.30	6.70	7.25	7.10	6.35	8.50

a/ Based on weighted average canners' f.o.b. sales prices (for cling peaches, apricots, pears, freestone peaches, and fruit cocktail) determined from canners' reports on their billings and invoices of sales f.o.b. cannery or dock (including brokerage, cash discount, swell, label, and case allowances but excluding any special or trade discounts and any prepaid charges included in delivery prices such as freight and marine insurance). Prices adjusted to an industry-wide common or nondifferentiated basis by modification for recognized price premium conventional for certain brands.

Sources:

Cols. 1-5: Based on data compiled through the Cling Peach Advisory Board, Canners League of California, and Northwest Canners and Freezers Association.

Col. 6: Based on quotations supplemented by trade information.

TABLE 2

Canners' Commercial Domestic Movement of Canned Fruits, from 1924-25

Marketing year, June through May	California cling peaches	California apricots	Pacific Coast pears	Pacific Coast freestone peaches	California fruit cocktail	Pineapple
	1	2	3	4	5	6
	thousands of cases; 24 No. 2½ basis					
1924-25	4,607	1,235	1,014			5,183
1925-26	7,484	1,755	1,293			6,265
1926-27	8,599	2,038	1,957			6,713
1927-28	10,867	1,779	1,637			7,131
1928-29	10,490	2,195	2,170			5,990
1929-30	7,483	2,259	2,383			7,173
1930-31	9,257	2,183	2,617			8,960
1931-32	5,976	1,541	1,990			6,351
1932-33	8,148	1,521	2,200			6,960
1933-34	7,415	2,034	2,767			7,442
1934-35	7,685	1,477	2,984	325		6,705
1935-36	8,452	1,951	2,670	282		8,582
1936-37	9,358	2,992	3,997	631	2,178	9,989
1937-38	6,854	2,901	2,681	832	2,271	8,529
1938-39	10,127	2,562	3,114	716	2,951	8,292
1939-40	8,673	2,640	2,768	1,206	3,091	10,796
1940-41	11,433	2,012	4,150	1,640	4,514	10,573
(War years)						
1947-48	13,843	2,415	4,866	2,155	8,836	10,112
1948-49	12,382	3,528	3,660	2,322	6,791	11,684
1949-50	15,615	3,072	5,613	2,178	6,977	11,920
1950-51	14,287	3,565	4,815	2,135	7,364	13,032
1951-52	13,648	3,410	4,348	2,507	5,604	9,685
1952-53	14,351	3,148	5,700	3,075	7,452	11,695
1953-54	14,706	3,934	5,401	3,156	6,945	12,050
1954-55	14,086	3,177	6,272	3,841	8,037	12,743
1955-56	15,023	4,494	6,763	3,859	8,145	13,198
1956-57	15,008	3,852	6,789	4,688	8,844	12,101
1957-58	16,925	3,871	7,746	4,753	8,845	12,457
1958-59	13,886	2,052	7,077	5,161	8,866	12,779
1959-60	17,384	4,026	8,009	5,449	10,275	12,951
1960-61	15,851	4,073	7,016	5,755	9,725	12,928
1961-62	16,826	4,448	7,220	5,559	10,365	13,030
1962-63	18,678	3,747	8,644	5,502	11,460	13,062
1963-64	19,803	3,914	6,001	5,092	9,608	12,808
1964-65	22,125	3,823	8,240	4,864	12,093	13,468
1965-66	20,488	4,748	5,995	4,621	10,192	13,578
1966-67	22,785	4,425	8,916	4,250	12,882	14,125
1967-68	20,563	3,784	5,820	3,808	10,812	14,710
1968-69[a]	23,034	3,434	7,862	3,657	12,802	15,857

a/ Preliminary; subject to revision.

Sources:

Col. 1: Table 3, column 10.

Col. 2: Table 11, column 8.

Col. 3: Table 7, column 8.

Col. 4: Table 15, column 9.

Col. 5: Table 19, column 9.

Col. 6: Based on data compiled by Pineapple Growers Association of Hawaii and U. S. Department of Commerce, supplemented by data and information from trade sources.

TABLE 3

California Canned Cling Peaches, Canners' Pack, Carry-Over, Shipments, and Exports, from 1924-25

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total f.o.b. movement from canners' hands	United States government direct f.o.b. purchases			United States exports	F.o.b. commercial domestic movement
						School Lunch Program	Quarter-master	Total		
	1	2	3	4	5	6	7	8	9	10
	thousands of cases; 24 No. 2½ basis									
1924-25	5,206	1,391	6,597	709	5,888				1,281	4,607
1925-26	9,080	709	9,789	449	9,340				1,856	7,484
1926-27	13,561	449	14,010	3,730	10,280				1,681	8,599
1927-28	10,499	3,730	14,229	1,322	12,907				2,040	10,867
1928-29	14,439	1,322	15,761	3,109	12,652				2,162	10,490
1929-30	7,724	3,109	10,833	1,629	9,204				1,721	7,483
1930-31	13,174	1,629	14,803	3,922	10,881				1,624	9,257
1931-32	8,349	3,922	12,271	4,826	7,445				1,469	5,976
1932-33	6,414	4,826	11,240	1,359	9,881				1,733	8,148
1933-34	10,244	1,359	11,603	2,389	9,214				1,799	7,415
1934-35	8,258	2,389	10,647	1,836	8,811				1,126	7,685
1935-36	10,850	1,836	12,686	1,929	10,757				2,305	8,452
1936-37	10,236	1,929	12,165	1,498	10,667				1,309	9,358
1937-38	12,205	1,498	13,703	5,578	8,125				1,271	6,854
1938-39	9,446	5,578	15,024	2,737	12,287				2,160	10,127
1939-40	10,579	2,737	13,316	2,690	10,626				1,953	8,673
1940-41	9,608	2,690	12,299	779	11,520				87	11,433
(War years)										
1947-48	15,309	456	15,765	1,247	14,518				675	13,843
1948-49	14,650	1,247	15,897	3,061	12,836				454	12,382
1949-50	16,525	3,061	19,586	2,058	17,528	1,196	234	1,430	483	15,615
1950-51	14,417	2,058	16,475	531	15,944		1,173	1,173	484	14,287
1951-52	19,145	531	19,676	3,418	16,258	446	1,734	2,180	430	13,648
1952-53	14,964	3,418	18,382	2,328	16,054	206	983	1,189	514	14,351
1953-54	17,163	2,328	19,490	2,708	16,782	763	510	1,273	803	14,706
1954-55	13,818	2,708	16,526	558	15,968	843	69	912	970	14,086
1955-56	17,923	558	18,481	1,556	16,925	[a]	495	495	1,407	15,023
1956-57	21,322	1,557	22,879	4,579	18,300	599	372	971	2,321	15,008
1957-58	18,484	4,579	23,063	2,482	20,581	567	468	1,035	2,621	16,925
1958-59	17,545	2,482	20,027	3,039	16,988	591	272	863	2,239	13,886
1959-60	21,485	3,039	24,524	2,650	21,874	572	412	984	3,506	17,384
1960-61	21,587	2,650	24,237	3,443	20,793	539	270	809	4,133	15,851
1961-62	22,940	3,443	26,383	3,382	23,001	563	296	859	5,316	16,826
1962-63	25,574	3,382	28,956	3,191	25,765	454	190	644	6,443	18,678
1963-64	25,089	3,191	28,280	2,558	25,722	531	666	1,197	4,722	19,803
1964-65	30,640	2,558	33,198	5,191	28,007	475	232	707	5,175	22,125
1965-66	23,233	5,191	28,424	2,820	25,604		519	519	4,597	20,488
1966-67	30,348	2,820	33,168	4,116	29,052	540	660	1,200	5,067	22,785
1967-68	22,566	4,116	26,682	3,051	23,631	573	442	1,015	2,053	20,563
1968-69[b]	29,867	3,051	32,918	5,637	27,281	575	1,072	1,647	2,600	23,034

(Continued on next page.)

TABLE 3--continued.

a/ No centralized f.o.b. purchases of clings by School Lunch were reported for 1955-56, although School Lunch issued clings presumably acquired at local points.

b/ Preliminary; subject to revision.

Sources: Cling Peach Advisory Board; Canners League of California; U. S. Departments of Agriculture, Commerce and Defense; and trade sources.

TABLE 4

F.O.B. Prices of California Canned Cling Peaches and Related Economic Variables, from 1947-48

Marketing year June through May	F.o.b. prices of California canned cling peaches (choice, No. 2½)	Movement of California canned cling peaches		U. S. disposable personal income	Adjusted index of competing canned fruit prices	Weighted average price of competing canned fruits
		Domestic commercial	Total commercial			
	1	2	3	4	5	6
	dollars per case	millions of cases; 24 No. 2½ basis		1947-48 to 1949-50 = 100		dollars per case
1947-48	4.78	13.843	14.518	94.9	108.0	6.54
1948-49	5.10	12.382	12.836	101.6	104.2	6.75
1949-50	4.07	15.615	16.098	103.6	88.4	5.85
1950-51	5.17	14.287	14.771	115.4	93.0	6.85
1951-52	5.53	13.648	14.078	122.7	88.2	6.91
1952-53	5.32	14.351	14.865	131.2	78.5	6.57
1953-54	5.12	14.706	15.509	135.0	76.7	6.61
1954-55	5.17	14.086	15.056	140.4	74.3	6.66
1955-56	5.70	15.023	16.430	151.1	69.7	6.72
1956-57	5.35	15.008	17.329	160.0	65.4	6.68
1957-58	5.10	16.925	19.546	165.8	62.0	6.56
1958-59	5.36	13.886	16.125	174.7	63.4	7.07
1959-60	4.89	17.384	20.890	182.6	57.2	6.66
1960-61	4.86	15.851	19.984	188.2	55.5	6.66
1961-62	4.70	16.826	22.142	199.5	51.2	6.52
1962-63	4.50	18.678	25.121	208.9	47.3	6.30
1963-64	4.87	19.803	24.526	222.9	50.4	7.16
1964-65	4.51	22.125	27.300	240.5	43.5	6.68
1965-66	4.65	20.488	25.085	262.3	42.7	7.14
1966-67	4.63	22.785	27.852	280.7	37.6	6.74
1967-68	5.50	20.563	22.616	301.1	41.1	7.89
1968-69[a/]	5.30	23.034	25.634	322.2	35.9	7.38

(Continued on next page.)

TABLE 4--continued.

a/ Preliminary; subject to revision.

Sources:

Col. 1: Table 1, column 1.

Col. 2: Table 3, column 10.

Col. 3: Table 3, column 5 minus column 8.

Col. 4: Table 6, column 4.

Col. 5: Table 6, column 5.

Col. 6: Table 6, column 1.

TABLE 5

Actual and Estimated F.O.B. Prices of California Canned Cling Peaches, Choice, No. 2½, from 1947-48

Marketing year, June through May	Actual f.o.b. price	Equation (2)			Equation (4)		
		Estimated f.o.b. price	Difference: column 1 minus column 2	Column 3 as percent of column 1	Estimated f.o.b. price	Difference: column 1 minus column 5	Column 6 as percent of column 1
	1	2	3	4	5	6	7
	dollars per case			percent	dollars per case		percent
1947-48	4.78	4.82	-0.04	-0.9	4.80	-0.02	-0.4
1948-49	5.10	5.32	-0.22	-4.3	5.30	-0.20	-3.9
1949-50	4.07	4.26	-0.19	-4.6	4.44	-0.37	-9.1
1950-51	5.17	5.19	-0.02	-0.5	5.13	0.04	0.8
1951-52	5.53	5.43	0.10	1.8	5.38	0.15	2.8
1952-53	5.32	5.31	0.01	0.2	5.21	0.11	2.1
1953-54	5.12	5.12	0.00	0.0	5.15	-0.03	-0.5
1954-55	5.17	5.18	-0.01	-0.2	5.30	-0.13	-2.6
1955-56	5.70	5.21	0.49	8.5	5.19	0.51	9.0
1956-57	5.35	5.26	0.09	1.6	5.11	0.24	4.5
1957-58	5.10	4.83	0.27	5.3	4.80	0.30	5.9
1958-59	5.36	5.55	-0.19	-3.6	5.58	-0.22	-4.1
1959-60	4.89	4.80	0.09	1.9	4.79	0.10	2.0
1960-61	4.86	4.90	-0.04	-0.8	4.95	-0.09	-1.8
1961-62	4.70	4.77	-0.07	-1.5	4.72	-0.02	-0.4
1962-63	4.50	4.44	0.06	1.3	4.40	0.10	2.2
1963-64	4.87	4.68	0.19	3.9	4.79	0.08	1.5
1964-65	4.51	4.45	0.06	1.3	4.49	0.02	0.4
1965-66	4.65	5.03	-0.38	-8.2	4.96	-0.31	-6.6
1966-67	4.63	4.77	-0.14	-3.0	4.66	-0.03	-0.7
1967-68	5.50	5.56	-0.06	-1.1	5.69	-0.19	-3.4
1968-69[a/]	5.30	5.23	0.07	1.3	5.27	0.03	0.6

(Continued on next page.)

TABLE 5--continued.

a/ Preliminary; subject to revision.

Sources:

Col. 1: Table 1, column 1.

Col. 2: Computed using data in Table 4 applied to equation (2), page 17.

Col. 5: Computed using data in Table 4 applied to equation (4), page 17.

TABLE 6

Construction of Adjusted Index of Prices of Canned Fruits Competing with California Canned Cling Peaches, from 1947-48

Marketing year, June through May	Weighted average prices of competing canned fruits		U. S. disposable personal income		Adjusted index of competing canned fruit prices
	1	2	3	4	5
	dollars per case	index, 1947-48 to 1949-50 = 100	billions of dollars	index, 1947-48 to 1949-50 = 100	1947-48 to 1949-50 = 100
1947-48	6.5423	102.52	178.8	94.9	108.0
1948-49	6.7548	105.85	191.5	101.6	104.2
1949-50	5.8473	91.63	195.2	103.6	88.4
1950-51	6.8473	107.30	217.6	115.4	93.0
1951-52	6.9080	108.25	231.3	122.7	88.2
1952-53	6.5747	103.03	247.3	131.2	78.5
1953-54	6.6056	103.51	254.4	135.0	76.7
1954-55	6.6595	104.36	264.6	140.4	74.3
1955-56	6.7190	105.29	284.8	151.1	69.7
1956-57	6.6823	104.71	301.6	160.0	65.4
1957-58	6.5570	102.75	312.5	165.8	62.0
1958-59	7.0662	110.73	329.4	174.7	63.4
1959-60	6.6604	104.37	344.2	182.6	57.2
1960-61	6.6600	104.37	354.8	188.2	55.5
1961-62	6.5163	102.12	376.1	199.5	51.2
1962-63	6.3039	98.79	393.8	208.9	47.3
1963-64	7.1625	112.24	420.2	222.9	50.4
1964-65	6.6822	104.71	453.3	240.5	43.5
1965-66	7.1432	111.93	494.5	262.3	42.7
1966-67	6.7355	105.54	529.1	280.7	37.6
1967-68	7.8922	123.66	567.6	301.1	41.1
1968-69[a/]	7.3844	115.70	607.3	322.2	35.9

a/ Preliminary; subject to revision.

Sources:

Col. 1: F.o.b. prices (other than clings) in Table 1 weighted by corresponding domestic commercial shipments in Table 2.

Col. 2: Figures in column 1 expressed as percentages with 1947-48 to 1949-50 = 100.

Col. 3: Based on income data in U. S. Department of Commerce, Survey of Current Business (second quarter, 1969, estimated).

Col. 4: Figures in column 3 expressed as percentages with 1947-48 to 1949-50 = 100.

Col. 5: Column 2 as percent of column 4.

Canned Cling Peaches Price Equations

The equations shown below, based on the 22-year period 1947-48 through 1968-69, were estimated using ordinary least squares. Standard errors are set out in parentheses; R is the multiple correlation coefficient and d is the Durbin-Watson statistic.

$$(1)\quad (\ln \hat{Y}) = \underset{(2.199)}{-6.3465} - \underset{(0.148)}{0.4288}\,(\ln X_1) + \underset{(0.204)}{1.0334}\,(\ln X_3) + \underset{(0.246)}{0.9320}\,(\ln X_4)$$

$$R^2 = 0.694 \qquad d = 1.41$$

$$(2)\quad (\ln \hat{Y}) = \underset{(1.727)}{-4.9174} - \underset{(0.122)}{0.5038}\,(\ln X_1) + \underset{(0.404)}{1.3731}\,(\ln X_3) + \underset{(0.250)}{0.4606}\,(\ln X_5) - \underset{(0.021)}{0.0665}\,t$$

$$R^2 = 0.810 \qquad d = 1.68$$

$$(3)\quad (\ln \hat{Y}) = \underset{(2.538)}{-2.1522} - \underset{(0.140)}{0.5410}\,(\ln X_2) + \underset{(0.210)}{0.7048}\,(\ln X_3) + \underset{(0.291)}{0.4185}\,(\ln X_4)$$

$$R^2 = 0.755 \qquad d = 1.69$$

$$(4)\quad (\ln \hat{Y}) = \underset{(0.418)}{0.9209} - \underset{(0.140)}{0.5400}\,(\ln X_2) + \underset{(0.112)}{0.2856}\,(\ln X_3) + \underset{(0.294)}{0.4218}\,(\ln X_5)$$

$$R^2 = 0.756 \qquad d = 1.69$$

Y : F.o.b. price of California canned cling peaches (Choice, No. 2½, dollars per case), Table 4, column 1.

X_1: Domestic commercial movement of California canned cling peaches (in units of 1 million cases), Table 4, column 2.

X_2: Commercial movement of California canned cling peaches (in units of 1 million cases), Table 4, column 3.

X_3: U. S. disposable personal income (1947-48 to 1949-50 = 100), Table 4, column 4.

X_4: Adjusted index of prices of competing canned fruits (1947-48 to 1949-50 = 100), Table 4, column 5.

X_5: Weighted average price of competing canned fruits (dollars per case), Table 4, column 6.

t : Time trend in years (1947-48 = 1).

TABLE 7

Pacific Coast Canned Pears, Canners' Pack, Carry-Over, Shipments, and Exports, from 1924-25

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total f.o.b. movement from canners' hands	United States government direct f.o.b. purchases, quartermaster	United States exports	F.o.b. commercial domestic movement
	1	2	3	4	5	6	7	8
	thousands of cases; 24 No. 2½ basis							
1924-25	2,119	142	2,261	51	2,210		1,196	1,014
1925-26	3,429	51	3,480	507	2,973		1,680	1,293
1926-27	3,260	507	3,767	401	3,366		1,409	1,957
1927-28	2,639	401	3,040	167	2,873		1,236	1,637
1928-29	4,116	167	4,283	292	3,991		1,821	2,170
1929-30	4,206	292	4,498	952	3,546		1,163	2,383
1930-31	4,153	952	5,105	893	4,212		1,595	2,617
1931-32	3,635	893	4,528	870	3,658		1,668	1,990
1932-33	3,117	870	3,987	429	3,558		1,358	2,200
1933-34	4,377	429	4,806	273	4,533		1,766	2,767
1934-35	5,505	273	5,778	1,291	4,487		1,503	2,984
1935-36	4,230	1,291	5,521	957	4,564		1,894	2,670
1936-37	5,355	957	6,312	850	5,462		1,465	3,997
1937-38	4,321	850	5,171	1,150	4,021		1,340	2,681
1938-39	4,090	1,150	5,240	400	4,840		1,726	3,114
1939-40	4,057	400	4,457	280	4,177		1,409	2,768
1940-41[a]	5,000	280	5,280	586	4,694		544	4,150
(War years)								
1947-48	5,622	200	5,822	726	5,096		230	4,866
1948-49	3,831	726	4,557	761	3,796		136	3,660
1949-50	5,473	761	6,234	448	5,786		159	5,627
1950-51	6,048	448	6,496	566	5,930	900	215	4,815
1951-52	6,215	566	6,781	1,575	5,206	763	95	4,348
1952-53	6,003	1,575	7,578	1,361	6,217	386	131	5,700
1953-54	5,185	1,361	6,546	747	5,799	282	116	5,401
1954-55	7,475	747	8,222	1,545	6,677	145	260	6,272
1955-56	7,849	1,545	9,394	1,609	7,785	276	746	6,763
1956-57	8,437	1,609	10,046	2,587	7,459	382	288	6,789
1957-58	8,157	2,587	10,745	2,411	8,334	272	316	7,746
1958-59	7,271	2,411	9,682	1,932	7,750	441	232	7,077
1959-60	8,853	1,932	10,785	2,018	8,767	478	280	8,009
1960-61	7,877	2,018	9,895	2,336	7,559	331	212	7,016
1961-62	8,433	2,336	10,769	2,909	7,860	401	239	7,220
1962-63	8,779	2,909	11,688	2,150	9,538	647[b]	247	8,644
1963-64	5,025	2,150	7,175	532	6,643	500	142	6,001
1964-65	10,670	532	11,202	2,591	8,611	212	159	8,240
1965-66	5,817	2,591	8,408	1,712	6,696	568	133	5,995
1966-67	10,613	1,712	12,325	2,278	10,047	967[c]	164	8,916
1967-68	5,433	2,278	7,711	1,308	6,403	507	76	5,820
1968-69[d]	10,143	1,308	11,451	2,761	8,690	728	100	7,862

(Continued on next page.)

TABLE 7--continued.

a/ Estimated.

b/ Includes 276,000 cases for National School Lunch Program.

c/ Includes 451,000 cases for National School Lunch Program.

d/ Preliminary; subject to revision.

Sources: Canners League of California; Northwest Canners and Freezers Association; and U. S. Departments of Agriculture, Commerce, and Defense.

TABLE 8

F.O.B. Prices of Pacific Coast Canned Pears and Related Economic Variables, from 1948-49

Marketing year, June through May	F.o.b. price of Pacific Coast canned pears (choice, No. 2½)	Domestic commercial movement of Pacific Coast canned pears	U. S. disposable personal income	Adjusted index of competing canned fruit prices	Weighted average price of competing canned fruits
	1	2	3	4	5
	dollars per case	millions of cases; 24 No. 2½ basis	1947-48 to 1949-50 = 100		dollars per case
1948-49	8.10	3.660	101.6	104.6	6.05
1949-50	5.30	5.627	103.6	88.5	5.21
1950-51	7.80	4.815	115.4	93.6	6.14
1951-52	7.86	4.348	122.7	89.6	6.25
1952-53	6.49	5.700	131.2	82.2	6.13
1953-54	6.91	5.401	135.0	78.5	6.03
1954-55	6.92	6.272	104.4	76.6	6.12
1955-56	6.72	6.763	151.1	74.2	6.38
1956-57	6.89	6.789	160.0	68.2	6.20
1957-58	6.25	7.746	165.8	64.5	6.08
1958-59	6.88	7.077	174.7	65.9	6.54
1959-60	6.15	8.009	182.6	59.0	6.13
1960-61	6.50	7.016	188.2	56.9	6.09
1961-62	6.53	7.220	199.5	52.1	5.91
1962-63	5.64	8.644	208.9	48.6	5.77
1963-64	7.60	6.001	222.9	49.1	6.23
1964-65	6.29	8.240	240.5	43.0	5.89
1965-66	7.55	5.995	262.3	41.2	6.15
1966-67	6.14	8.916	280.7	37.6	6.01
1967-68	9.00	5.820	301.1	40.0	6.86
1968-69[a/]	7.25	7.862	322.2	35.9	6.59

a/ Preliminary; subject to revision.

Sources:

Col. 1: Table 1, column 3.

Col. 2: Table 7, column 8.

Col. 3: Table 10, column 4.

Col. 4: Table 10, column 5.

Col. 5: Table 10, column 1.

TABLE 9

Actual and Estimated F.O.B. Prices of Pacific Coast Canned Pears, Choice, No. 2½, from 1948-49

Marketing year, June through May	Actual f.o.b. price	Equation (1)			Equation (2)		
		Estimated f.o.b. price	Difference: column 1 minus column 2	Column 3 as percent of column 1	Estimated f.o.b. price	Difference: column 1 minus column 5	Column 6 as percent of column 1
	1	2	3	4	5	6	7
	dollars per case			percent	dollars per case		percent
1948-49	8.10	8.06	0.04	0.5	8.07	0.03	0.4
1949-50	5.30	5.50	-0.20	-3.8	5.50	-0.20	-3.8
1950-51	7.80	7.35	0.45	5.8	7.35	0.45	5.8
1951-52	7.86	7.97	-0.11	-1.4	7.97	-0.11	-1.4
1952-53	6.49	6.91	-0.42	-6.5	6.91	-0.42	-6.5
1953-54	6.91	6.98	-0.07	-1.0	6.98	-0.07	-1.0
1954-55	6.92	6.65	0.27	3.9	6.66	0.26	3.8
1955-56	6.72	6.83	-0.11	-1.6	6.83	-0.11	-1.6
1956-57	6.89	6.66	0.23	3.3	6.65	0.24	3.5
1957-58	6.25	6.13	0.12	1.9	6.13	0.12	1.9
1958-59	6.88	7.06	-0.18	-2.7	7.05	-0.17	-2.5
1959-60	6.15	6.19	-0.04	-0.7	6.19	-0.04	-0.7
1960-61	6.50	6.58	-0.08	-1.3	6.58	-0.08	-1.3
1961-62	6.53	6.33	0.20	3.1	6.32	0.21	3.2
1962-63	5.64	5.68	-0.04	-0.7	5.68	-0.04	-0.7
1963-64	7.60	7.52	0.08	1.1	7.50	0.10	1.3
1964-65	6.29	6.09	0.20	3.2	6.09	0.20	3.2
1965-66	7.55	7.59	-0.04	-0.5	7.59	-0.04	-0.5
1966-67	6.14	6.16	-0.02	-0.3	6.17	-0.03	-0.5
1967-68	9.00	8.98	0.02	0.2	8.98	0.02	0.2
1968-69[a/]	7.25	7.48	-0.23	-3.2	7.49	-0.24	-3.3

(Continued on next page.)

TABLE 9--continued.

a/ Preliminary; subject to revision.

Sources:

Col. 1: Table 8, column 1.

Col. 2: Computed using data in Table 8 applied to equation (1), page 24.

Col. 5: Computed using data in Table 8 applied to equation (2), page 24.

TABLE 10

Construction of Adjusted Index of Prices of Canned Fruits
Competing with Pacific Coast Canned Pears, from 1948-49

Marketing year, June through May	Weighted average prices of competing canned fruits		U. S. disposable personal income		Adjusted index of competing canned fruit prices
	1	2	3	4	5
	dollars per case	index, 1947-48 to 1949-50 = 100	billions of dollars	index, 1947-48 to 1949-50 = 100	1947-48 to 1949-50 = 100
1948-49	6.0461	106.31	191.5	101.6	104.6
1949-50	5.2143	91.69	195.2	103.6	88.5
1950-51	6.1403	107.97	217.6	115.4	93.6
1951-52	6.2496	109.89	231.3	122.7	89.6
1952-53	6.1336	107.85	247.3	131.2	82.2
1953-54	6.0297	106.03	254.4	135.0	78.5
1954-55	6.1195	107.61	264.6	140.4	76.6
1955-56	6.3765	112.12	284.8	151.1	74.2
1956-57	6.2012	109.04	301.6	160.0	68.2
1957-58	6.0798	106.91	312.5	165.8	64.5
1958-59	6.5428	115.05	329.4	174.7	65.9
1959-60	6.1275	107.74	344.2	182.6	59.0
1960-61	6.0911	107.10	354.8	188.2	56.9
1961-62	5.9075	103.87	376.1	199.5	52.1
1962-63	5.7725	101.50	393.8	208.9	48.6
1963-64	6.2300	109.55	420.2	222.9	49.1
1964-65	5.8868	103.51	453.3	240.5	43.0
1965-66	6.1458	108.06	494.5	262.3	41.2
1966-67	6.0057	105.60	529.1	280.7	37.6
1967-68	6.8556	120.54	567.6	301.1	40.0
1968-69 a/	6.5856	115.79	607.3	322.2	35.9

a/ Preliminary; subject to revision.

Sources:

Col. 1: F.o.b. prices (other than pears) in Table 1 weighted by corresponding shipments in Table 2.

Col. 2: Figures in column 1 expressed as percentages with 1947-48 to 1949-50 = 100.

Col. 3: Based on income data in U. S. Department of Commerce, Survey of Current Business (second quarter, 1969, estimated).

Col. 4: Figures in column 3 expressed as percentages with 1947-48 to 1949-50 = 100.

Col. 5: Column 2 as percent of column 4.

Canned Pears Price Equations

The equations shown below, based on the 21-year period 1948-49 through 1968-69, were estimated using ordinary least squares. Standard errors are set out in parentheses; R is the multiple correlation coefficient and d is the Durbin-Watson statistic.

$$(1) \quad (\ln \hat{Y}) = \underset{(1.414)}{-9.1998} - \underset{(0.045)}{0.4837}\,(\ln X_1) + \underset{(0.142)}{1.3692}\,(\ln X_3) + \underset{(0.158)}{1.2015}\,(\ln X_4)$$

$$R^2 = 0.947 \qquad d = 2.35$$

$$(2) \quad (\ln \hat{Y}) = \underset{(0.249)}{-0.2145} - \underset{(0.045)}{0.4821}\,(\ln X_1) + \underset{(0.033)}{0.1655}\,(\ln X_3) + \underset{(0.158)}{1.2018}\,(\ln X_5)$$

$$R^2 = 0.947 \qquad d = 2.33$$

Y : F.o.b. price of Pacific Coast canned pears (Choice, No. $2\frac{1}{2}$, dollars per case), Table 8, column 1.

X_1: Commercial domestic movement of Pacific Coast canned pears (in units of 1 million cases), Table 8, column 2.

X_3: U. S. disposable personal income (1947-48 to 1949-50 = 100), Table 8, column 3.

X_4: Adjusted index of prices of competing canned fruits (1947-48 to 1949-50 = 100), Table 8, column 4.

X_5: Weighted average price of competing canned fruits (dollars per case), Table 8, column 5.

TABLE 11

California Canned Apricots, Canners' Pack, Carry-Over, Shipments, and Exports, from 1924-25

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total f.o.b. movement from canners' hands	United States government direct f.o.b. purchases, quartermaster	United States exports	F.o.b. commercial domestic movement
	1	2	3	4	5	6	7	8
	thousands of cases; 24 No. 2½ basis							
1924-25	1,968	298	2,266	315	1,951		716	1,235
1925-26	2,094	315	2,409	21	2,388		633	1,755
1926-27	3,227	21	3,248	401	2,847		809	2,038
1927-28	2,960	401	3,361	952	2,409		630	1,779
1928-29	1,991	952	2,943	154	2,789		594	2,195
1929-30	4,023	154	4,177	1,189	2,988		729	2,259
1930-31	1,954	1,189	3,143	546	2,597		414	2,183
1931-32	2,006	546	2,552	515	2,037		496	1,541
1932-33	1,805	515	2,320	323	1,997		476	1,521
1933-34	2,416	323	2,739	167	2,572		538	2,034
1934-35	1,774	167	1,941	227	1,714		237	1,477
1935-36	3,164	227	3,391	844	2,547		596	1,951
1936-37	2,899	844	3,743	228	3,515		523	2,992
1937-38	5,553	228	5,781	2,305	3,476		575	2,901
1938-39	1,547	2,305	3,852	528	3,324		762	2,562
1939-40	3,338	528	3,866	479	3,387		747	2,640
1940-41	1,815	479	2,294	269	2,025		13	2,012
(War years)								
1947-48	3,063	279	3,342	639	2,703		288	2,415
1948-49	4,651	639	5,290	1,508	3,782		254	3,528
1949-50	2,307	1,508	3,815	532	3,283		211	3,072
1950-51	3,661	532	4,193	115	4,078	376	136	3,566
1951-52	4,538	115	4,653	614	4,039	496	133	3,410
1952-53	3,905	614	4,519	646	3,873	613	112	3,148
1953-54	4,718	646	5,364	1,021	4,343	245	164	3,934
1954-55	2,678	1,021	3,699	222	3,477	54	246	3,177
1955-56	5,781	222	6,003	1,176	4,827	118	215	4,494
1956-57	4,118	1,777	5,295	993	4,302	148	302	3,852
1957-58	4,004	993	4,998	604	4,394	179	344	3,871
1958-59	1,718	604	2,322	117	2,205	27	126	2,052
1959-60	4,885	117	5,002	581	4,421	199[a]	196	4,026
1960-61	5,949	581	6,530	1,766	4,765	445[b]	246	4,073
1961-62	4,744	1,766	6,510	1,179	5,331	496[b]	387	4,448
1962-63	3,946	1,179	5,125	1,013	4,112	192[c]	173	3,747
1963-64	4,029	1,013	5,042	625	4,417	323[c]	180	3,914
1964-65	5,085	625	5,710	1,210	4,500	540	137	3,823
1965-66	5,138	1,210	6,348	1,115	5,233	250	235	4,748
1966-67	5,018	1,115	6,133	1,020	5,113	553[d]	135	4,425
1967-68	4,213	1,020	5,233	970	4,263	417	62	3,784
1968-69[e]	4,513	970	5,483	1,036	4,447	960[f]	53	3,434

(Continued on next page.)

TABLE 11--continued.

a/ Includes 297,000 cases for National School Lunch Program.

b/ Includes 344,385 cases for National School Lunch Program.

c/ Includes 221,072 cases for National School Lunch Program.

d/ Includes 223,606 cases for National School Lunch Program.

e/ Preliminary, subject to revision.

f/ Includes 373,800 cases for National School Lunch Program.

Sources: Canners League of California and U. S. Departments of Agriculture, Commerce, and Defense.

TABLE 12

F.O.B. Prices of California Canned Apricots and Related Economic Variables, from 1947-48

Marketing year, June through May	F.o.b. prices of California canned apricots (choice, No. 2½)	Domestic commercial movement of California canned apricots	U. S. disposable personal income	Adjusted index of competing canned fruit prices	Weighted average price of competing canned fruits
	1	2	3	4	5
	dollars per case	millions of cases; 24 No. 2½ basis	1947-48 to 1949-50 = 100		dollars per case
1947-48	6.00	2.415	94.9	107.3	5.95
1948-49	5.25	3.528	101.6	106.7	6.33
1949-50	5.00	3.072	103.6	86.6	5.24
1950-51	5.75	3.566	115.4	94.4	6.37
1951-52	5.94	3.410	122.7	90.3	6.47
1952-53	5.68	3.148	131.2	81.1	6.22
1953-54	5.25	3.934	135.0	78.8	6.21
1954-55	5.66	3.177	140.4	76.4	6.26
1955-56	5.10	4.494	151.1	74.2	6.55
1956-57	5.60	3.852	160.0	67.9	6.35
1957-58	5.48	3.871	165.8	63.5	6.15
1958-59	6.75	2.052	174.7	64.5	6.58
1959-60	5.38	4.026	182.6	58.0	6.19
1960-61	5.24	4.073	188.2	56.5	6.21
1961-62	4.95	4.448	199.5	52.1	6.07
1962-63	5.65	3.750	208.9	47.2	5.76
1963-64	5.30	3.914	222.9	49.6	6.45
1964-65	5.26	3.823	240.5	42.6	5.98
1965-66	4.90	4.748	262.3	41.8	6.41
1966-67	5.15	4.425	280.7	37.1	6.08
1967-68	6.55	3.784	301.1	40.4	7.10
1968-69[a/]	6.70	3.434	322.2	35.4	6.66

a/ Preliminary; subject to revision.

Sources:

Col. 1: Table 1, column 2.

Col. 2: Table 11, column 8.

Col. 3: Table 14, column 4.

Col. 4: Table 14, column 5.

Col. 5: Table 14, column 1.

TABLE 13

Actual and Estimated F.O.B. Prices of California Canned Apricots, Choice, No. 2½, from 1947-48

Marketing year, June through May	Actual f.o.b. price	Equation (2)			Equation (3)		
		Estimated f.o.b. price	Difference: column 1 minus column 2	Column 3 as percent of column 1	Estimated f.o.b. price	Difference: column 1 minus column 5	Column 6 as percent of column 1
	1	2	3	4	5	6	7
	dollars per case			percent	dollars per case		percent
1947-48	6.00	5.98	0.02	0.4	5.94	0.06	1.0
1948-49	5.25	5.43	-0.18	-3.3	5.42	-0.17	-3.3
1949-50	5.00	5.00	0.00	0.0	5.06	-0.06	-1.2
1950-51	5.75	5.48	0.27	4.7	5.54	0.21	3.6
1951-52	5.94	5.67	0.27	4.5	5.76	0.18	3.0
1952-53	5.68	5.71	-0.03	-0.6	5.89	-0.21	-3.7
1953-54	5.25	5.25	0.00	0.0	5.26	-0.01	-0.1
1954-55	5.66	5.76	-0.10	-1.7	5.81	-0.15	-2.6
1955-56	5.10	5.22	-0.12	-2.4	5.11	-0.01	-0.2
1956-57	5.60	5.45	0.15	2.7	5.50	0.10	1.7
1957-58	5.48	5.33	0.15	2.8	5.35	0.13	2.5
1958-59	6.75	7.20	-0.45	-6.6	6.92	-0.17	-2.5
1959-60	5.38	5.31	0.07	1.3	5.27	0.11	2.0
1960-61	5.24	5.32	-0.08	-1.5	5.20	0.04	0.9
1961-62	4.95	5.08	-0.13	-2.6	4.89	0.06	1.2
1962-63	5.65	5.24	0.41	7.2	5.23	0.42	7.5
1963-64	5.30	5.63	-0.33	-6.2	5.55	-0.25	-4.8
1964-65	5.26	5.41	-0.15	-2.8	5.46	-0.20	-3.9
1965-66	4.90	5.26	-0.36	-7.3	5.18	-0.28	-5.6
1966-67	5.15	5.24	-0.09	-1.7	5.30	-0.15	-3.0
1967-68	6.55	6.27	0.28	4.3	6.41	0.14	2.1
1968-69[a/]	6.70	6.24	0.46	6.8	6.50	0.20	3.0

(Continued on next page.)

TABLE 13--continued.

a/ Preliminary; subject to revision

Sources:

Col. 1: Table 1, column 2.

Col. 2: Computed using data in Table 12 applied to equation (1), page 31.

Col. 5: Computed using data in Table 12 applied to equation (3), page 31.

TABLE 14

Construction of Adjusted Index of Prices of Canned Fruits Competing with California Canned Apricots, from 1947-48

Marketing year, June through May	Weighted average prices of competing canned fruits		U. S. disposable personal income		Adjusted index of competing canned fruit prices
	1	2	3	4	5
	dollars per case	index, 1947-48 to 1949-50 = 100	billions of dollars	index, 1947-48 to 1949-50 = 100	1947-48 to 1949-50 = 100
1947-48	5.9505	101.87	178.8	94.9	107.3
1948-49	6.3312	108.39	191.5	101.6	106.7
1949-50	5.2417	89.74	195.2	103.6	86.6
1950-51	6.3657	108.98	217.6	115.4	94.4
1951-52	6.4747	110.85	231.3	122.7	90.3
1952-53	6.2154	106.41	247.3	131.2	81.1
1953-54	6.2148	106.40	254.4	135.0	78.8
1954-55	6.2636	107.23	264.6	140.4	76.4
1955-56	6.5480	112.10	284.8	151.1	74.2
1956-57	6.3486	108.69	301.6	160.0	67.9
1957-58	6.1518	105.32	312.5	165.8	63.5
1958-59	6.5838	112.72	329.4	174.7	64.5
1959-60	6.1865	105.91	344.2	182.6	58.0
1960-61	6.2138	106.38	354.8	188.2	56.5
1961-62	6.0723	103.96	376.1	199.5	52.1
1962-63	5.7606	98.62	393.8	208.9	47.2
1963-64	6.4513	110.45	420.2	222.9	49.6
1964-65	5.9809	102.39	453.3	240.5	42.6
1965-66	6.4060	109.67	494.5	262.3	41.8
1966-67	6.0849	104.17	529.1	280.7	37.1
1967-68	7.1004	121.56	567.6	301.1	40.4
1968-69[a/]	6.6621	114.06	607.3	322.2	35.4

a/ Preliminary; subject to revision.

Sources:

Col. 1: F.o.b. prices (other than apricots) in Table 1 weighted by corresponding shipments in Table 2.

Col. 2: Figures in column 1 expressed as percentages with 1947-48 to 1949-50 = 100.

Col. 3: Based on income data in U. S. Department of Commerce, Survey of Current Business (second quarter, 1969, estimated).

Col. 4: Figures in column 3 expressed as percentages with 1947-48 to 1949-50 = 100.

Col. 5: Column 2 as percent of column 4.

Canned Apricots Price Equations

The equations shown below, based on the 22-year period 1947-48 through 1968-69, were estimated using ordinary least squares. Standard errors are set out in parentheses; R is the multiple correlation coefficient and d is the Durbin-Watson statistic.

(1) $$\hat{Y} = \underset{(4.305)}{-10.3731} - \underset{(0.099)}{0.7102}\, X_1 + \underset{(0.686)}{3.1157}\, (\ln X_3) + \underset{(0.011)}{0.0384}\, X_4$$

$R^2 = 0.809$ d = 1.09

(2) $$(\ln \hat{Y}) = \underset{(1.608)}{-4.9433} - \underset{(0.055)}{0.3892}\, (\ln X_1) + \underset{(0.169)}{0.8073}\, (\ln X_3) + \underset{(0.179)}{0.7268}\, (\ln X_4)$$

$R^2 = 0.805$ d = 1.82

(3) $$\hat{Y} = \underset{(9.395)}{-13.0674} - \underset{(0.078)}{0.7214}\, X_1 + \underset{(1.944)}{3.4733}\, (\ln X_3) + \underset{(0.166)}{0.5487}\, X_5 - \underset{(0.106)}{0.1592}\, t$$

$R^2 = 0.886$ d = 1.81

(4) $$(\ln \hat{Y}) = \underset{(1.881)}{-2.4396} - \underset{(0.053)}{0.3879}\, (\ln X_1) + \underset{(0.047)}{0.7153}\, (\ln X_3) + \underset{(0.213)}{0.5313}\, (\ln X_5) - \underset{(0.022)}{0.0347}\, t$$

$R^2 = 0.830$ d = 1.83

Y: F.o.b. price of California canned apricots (Choice, No. $2\frac{1}{2}$, dollars per case), Table 12, column 1.

X_1: Domestic commercial movement of California canned apricots (in units of 1 million cases), Table 12, column 2.

X_3: U. S. disposable personal income (1947-48 to 1949-50 = 100), Table 12, column 3.

X_4: Adjusted index of prices of competing canned fruits (1947-48 to 1949-50 = 100), Table 12, column 4.

X_5: Weighted average price of competing canned fruits (dollars per case), Table 12, column 5.

t: Time trend in years (1947-48 = 1).

TABLE 15

California and Pacific Coast Canned Freestone Peaches
Canners' Pack, Carry-Over, and Shipments, from 1947-48

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total f.o.b. movement from canners' hands
	1	2	3	4	5
	thousands of cases; 24 No. 2½ basis				
	California canned freestone peaches				
1947-48	1,497	41	1,538	248	1,291
1948-49	1,708	248	1,952	265	1,690
1949-50	1,499	265	1,764	271	1,493
1950-51	1,677	271	1,948	52	1,896
1951-52	2,793	52	2,845	374	2,471
1952-53	2,670	374	3,044	465	2,579
1953-54	2,580	465	3,045	397	2,648
1954-55	3,113	397	3,510	340	3,170
1955-56	3,007	340	3,347	332	3,025
1956-57	4,493	322	4,815	1,076	3,739
1957-58	4,065	1,076	5,141	960	4,181
1958-59	4,489	960	5,449	869	4,580
1959-60	5,117	869	5,986	1,617	4,369
1960-61	4,876	1,617	6,493	1,558	4,935
1961-62	5,028	1,558	6,586	1,399	5,187
1962-63	4,694	1,399	6,093	1,128	4,965
1963-64	4,722	1,128	5,850	1,103	4,747
1964-65	5,366	1,103	6,469	1,988	4,481
1965-66	4,072	1,988	6,060	1,236	4,824
1966-67	3,814	1,236	5,050	1,068	3,982
1967-68	3,307	1,068	4,375	962	3,413
1968-69[a/]	3,986	962	4,948	1,562	3,386

(Note: See following page for Pacific Coast canned freestone peaches.)

(Continued on next page.)

TABLE 15--continued

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total f.o.b. movement from canners' hands	United States government direct f.o.b. purchases			F.o.b. commercial domestic movement[b]
						School Lunch Program	Quarter-master	Total	
	1	2	3	4	5	6	7	8	9
	thousands of cases; 24 No. 2½ basis								
	Pacific Coast canned freestone peaches[c]								
1947-48	2,525	71	2,596	441	2,155				2,155
1948-49	2,310	441	2,751	429	2,322				2,322
1949-50	2,236	429	2,665	457	2,208	30		30	2,178
1950-51	1,743	457	2,200	65	2,135				2,135
1951-52	3,106	65	3,171	464	2,707		200	200	2,507
1952-53	3,432	464	3,896	721	3,175		100	100	3,075
1953-54	3,150	721	3,871	601	3,270	37	77	114	3,156
1954-55	3,698	601	4,299	458	3,841				3,841
1955-56	3,989	458	4,447	588	3,859				3,859
1956-57	5,668	588	6,256	1,568	4,688				4,688
1957-58	4,374	1,568	5,942	1,171	4,771	18		18	4,753
1958-59	5,619	1,171	6,790	1,230	5,560	21	378	399	5,161
1959-60	6,319	1,230	7,549	1,902	5,647	18	180	198	5,449
1960-61	5,978	1,902	7,880	1,888	5,992	100	137	237	5,755
1961-62	5,947	1,888	7,835	1,702	6,133	152	422	574	5,559
1962-63	5,668	1,702	7,370	1,409	5,961	137	322	459	5,502
1963-64	5,181	1,409	6,590	1,175	5,415	28	294	322	5,093
1964-65	6,215	1,176	7,391	2,258	5,133	144	125	269	4,864
1965-66	4,173	2,258	6,431	1,286	5,145		524	524	4,621
1966-67	4,476	1,285	5,761	1,241	4,520	55	214	269	4,250
1967-68	3,644	1,240	4,884	1,066	3,818		10	10	3,808
1968-69[a]	4,244	1,066	5,310	1,632	3,678		13	13	3,665

(Continued on next page.)

TABLE 15--continued.

a/ Preliminary; subject to revision.

b/ No exports of canned freestone peaches are reflected; exports of all canned peaches are considered as clings, since no breakdown between exports of clings and frees is available.

c/ Pacific Coast reflects combined data (24 No. 2½ basis) on packs and canners' stocks for California and the Northwest.

Sources: Canners League of California, Northwest Canners and Freezers Association, and U. S. Departments of Agriculture and Defense.

TABLE 16

F.O.B. Prices of Pacific Coast Freestone Peaches and Related Economic Variables, from 1947-48

Marketing year, June through May	F.o.b. prices of Pacific Coast canned freestone peaches (fancy, No. 2½)[a]	Domestic commercial movement of Pacific Coast canned freestone peaches	U. S. disposable personal income	Adjusted index of competing canned fruit prices	F.o.b. prices of California canned cling peaches
	1	2	3	4	5
	dollars per case	millions of cases; 24 No. 2½ basis	1947-48 to 1949-50 = 100		dollars per case
1947-48	6.50	2.156	94.9	108.2	4.78
1948-49	7.00	2.322	101.6	105.6	5.10
1949-50	5.90	2.178	103.6	86.9	4.07
1950-51	7.50	2.135	115.4	93.8	5.17
1951-52	7.50	2.507	122.7	89.6	5.53
1952-53	7.00	3.075	131.2	80.7	5.32
1953-54	6.70	3.156	135.0	78.1	5.12
1954-55	6.45	3.841	140.4	76.5	5.17
1955-56	6.78	3.859	151.1	73.2	5.70
1956-57	6.29	4.688	160.0	68.0	5.35
1957-58	6.10	4.753	165.8	63.7	5.10
1958-59	6.16	5.161	174.7	65.8	5.36
1959-60	5.79	5.449	182.6	58.4	4.89
1960-61	5.52	5.755	188.2	57.1	4.86
1961-62	5.37	5.559	199.5	52.5	4.70
1962-63	5.20	5.502	208.9	48.1	4.50
1963-64	6.00	5.092	222.9	49.7	4.87
1964-65	5.68	4.864	240.5	42.9	4.51
1965-66	5.80	4.621	262.3	41.7	4.65
1966-67	6.00	4.250	280.7	37.1	4.63
1967-68	7.15	3.808	301.1	40.6	5.50
1968-69[b]	7.10	3.657	322.2	35.7	5.30

(Continued on next page.)

TABLE 16--continued.

a/ The freestone peach prices for 1954-55 and later years are for Pacific Coast; the freestone peach prices for earlier years are for California.

b/ Preliminary; subject to revision.

Sources:

Col. 1: Table 1, column 4.

Col. 2: Table 15, column 9.

Col. 3: Table 18, column 4.

Col. 4: Table 18, column 5.

Col. 5: Table 1, column 1.

TABLE 17

Actual and Estimated F.O.B. Prices of Pacific Coast Canned Freestone Peaches, Fancy, No. $2\frac{1}{2}$, from 1947-48

Marketing year, June through May	Actual f.o.b. price	Equation (1)			Equation (2)		
		Estimated f.o.b. price	Difference: column 1 minus column 2	Column 3 as percent of column 1	Estimated f.o.b. price	Difference: column 1 minus column 5	Column 6 as percent of column 1
	1	2	3	4	5	6	7
	dollars per case			percent	dollars per case		percent
1947-48	6.50	7.00	-0.50	-7.7	6.72	-0.22	-3.4
1948-49	7.00	7.24	-0.24	-3.4	7.01	-0.01	-0.1
1949-50	5.90	5.93	-0.03	-0.5	5.88	0.02	0.3
1950-51	7.50	7.47	0.03	0.5	7.34	0.16	2.1
1951-52	7.50	7.29	0.21	2.7	7.49	0.01	0.1
1952-53	7.00	6.60	0.40	5.7	6.90	0.10	1.5
1953-54	6.70	6.52	0.18	2.7	6.64	0.06	0.9
1954-55	6.45	6.33	0.12	1.8	6.37	0.08	1.2
1955-56	6.78	6.55	0.23	3.4	6.97	-0.19	-2.8
1956-57	6.29	6.10	0.19	3.0	6.29	0.00	0.0
1957-58	6.10	5.86	0.24	4.0	6.04	0.06	1.1
1958-59	6.16	6.36	-0.20	-3.2	6.19	-0.03	-0.5
1959-60	5.79	5.71	0.08	1.3	5.66	0.13	2.3
1960-61	5.52	5.68	-0.16	-3.0	5.56	-0.04	-0.7
1961-62	5.37	5.55	-0.18	-3.4	5.48	-0.11	-2.1
1962-63	5.20	5.28	-0.08	-1.6	5.32	-0.12	-2.3
1963-64	6.00	6.07	-0.07	-1.2	5.85	0.15	2.5
1964-65	5.68	5.62	0.06	1.0	5.58	0.10	1.8
1965-66	5.80	6.11	-0.31	-5.4	5.85	-0.05	-0.9
1966-67	6.00	5.88	0.12	2.1	6.00	0.00	0.0
1967-68	7.15	7.35	-0.20	-2.9	7.22	-0.07	-1.0
1968-69[a/]	7.10	6.89	0.21	3.0	7.11	-0.01	-0.2

(Continued on next page.)

TABLE 17--continued.

a/ Preliminary; subject to revision.

Sources:

Col. 1: Table 16, column 1.

Col. 2: Computed using data in Table 16 applied to equation (1), page 40.

Col. 5: Computed using data in Table 16 applied to equation (2), page 40.

TABLE 18

Construction of Adjusted Index of Prices of Canned Fruits Competing with Canned Freestone Peaches, from 1947-48

Marketing year, June through May	Weighted average prices of competing canned fruits		U. S. disposable personal income		Adjusted index of competing canned fruit prices
	1	2	3	4	5
	dollars per case	index, 1947-48 to 1949-50 = 100	billions of dollars	index, 1947-48 to 1949-50 = 100	1947-48 to 1949-50 = 100
1947-48	5.9358	102.70	178.8	94.9	108.2
1948-49	6.2013	107.29	191.5	101.6	105.6
1949-50	5.2022	90.01	195.2	103.6	86.9
1950-51	6.2585	108.28	217.6	115.4	93.8
1951-52	6.3550	109.95	231.3	122.7	89.6
1952-53	6.1186	105.86	247.3	131.2	80.7
1953-54	6.0911	105.39	254.4	135.0	78.1
1954-55	6.2042	107.34	264.6	140.4	76.5
1955-56	6.3926	110.60	284.8	151.1	73.2
1956-57	6.2926	108.87	301.6	160.0	68.0
1957-58	6.1044	105.62	312.5	165.8	63.7
1958-59	6.6404	114.89	329.4	174.7	65.8
1959-60	6.1659	106.68	344.2	182.6	58.4
1960-61	6.2144	107.52	354.8	188.2	57.1
1961-62	6.0513	104.70	376.1	199.5	52.5
1962-63	5.8085	100.50	393.8	208.9	48.1
1963-64	6.4092	110.89	420.2	222.9	49.7
1964-65	5.9592	103.11	453.3	240.5	42.9
1965-66	6.3268	109.47	494.5	262.3	41.7
1966-67	6.0251	104.25	529.1	280.7	37.1
1967-68	7.0596	122.15	567.6	301.1	40.6
1968-69[a/]	6.6387	114.87	607.3	322.2	35.7

a/ Preliminary; subject to revision.

Sources:

Col. 1: F.o.b. prices (other than freestone peaches) in Table 1 weighted by corresponding shipments in Table 2.

Col. 2: Figures in column 1 expressed as percentages with 1947-48 to 1949-50 = 100.

Col. 3: Based on income data in U. S. Department of Commerce, Survey of Current Business (second quarter, 1969, estimated).

Col. 4: Figures in column 3 expressed as percentages with 1947-48 to 1949-50 = 100.

Col. 5: Column 2 as percent of column 4.

Canned Freestone Peaches Price Equations

The equations shown below, based on the 22-year period 1947-48 through 1968-69, were estimated using ordinary least squares. Standard errors are set out in parentheses; R is the multiple correlation coefficient and d is the Durbin-Watson statistic.

$$(1)\quad (\ln \hat{Y}) = \underset{(1.389)}{-9.1556} - \underset{(0.033)}{0.2580}\ (\ln X_1) + \underset{(0.146)}{1.2152}\ (\ln X_3) + \underset{(0.156)}{1.2313}\ (\ln X_4)$$

$$R^2 = 0.898 \qquad d = 1.26$$

$$(2)\quad (\ln \hat{Y}) = \underset{(0.100)}{0.3530} - \underset{(0.016)}{0.2708}\ (\ln X_1) + \underset{(0.015)}{0.0904}\ (\ln X_3) + \underset{(0.047)}{0.8621}\ (\ln X_6)$$

$$R^2 = 0.976 \qquad d = 1.76$$

Y : F.o.b. price of Pacific Coast canned freestone peaches (Fancy, No. 2½, dollars per case), Table 16, column 1.

X_1: Domestic commercial movement of Pacific Coast canned freestone peaches (in units of 1 million cases), Table 16, column 2.

X_3: U. S. disposable personal income (1947-48 to 1949-50 = 100), Table 16, column 3.

X_4: Adjusted index of prices of competing canned fruits (1947-48 to 1949-50 = 100), Table 16, column 4.

X_6: F.o.b. price of California canned cling peaches (Choice, No. 2½, dollars per case), Table 16, column 5.

TABLE 19

California Canned Fruit Cocktail, Canners' Pack, Carry-Over, Shipments, and Exports, from 1936-37

Marketing year, June through May	Direct pack	Remanufactured pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total f.o.b. movement from canners' hands	United States government direct f.o.b. purchases quartermaster	United States exports	F.o.b. commercial domestic movement
	1	2	3	4	5	6	7	8	9
	thousands of cases; 24 No. 2½ basis								
1936-37	2,119	90.000	385	2,595	336	2,259		81	2,178
1937-38	3,078	228.000	336	3,642	1,295	2,347		76	2,271
1938-39	1,968	75.000	1,295	3,337	288	3,049		98	2,951
1939-40	3,580	73.000	288	3,942	747	3,195		104	3,091
1940-41	4,262	98.000	747	5,108	587	4,521		7	4,514
(War years)									
1947-48	9,324	125.000	62	9,511	299	9,212		376	8,836
1948-49	9,754	85.000	299	10,139	3,016	7,122		331	6,791
1949-50	6,135	445.000	3,016	9,596	2,014	7,492	115	400	6,977
1950-51	6,810	302.000	2,104	9,217	490	8,727	747	616	7,364
1951-52	8,999		490	9,488	2,335	7,153	949	601	5,604
1952-53	7,489	0.277	2,335	9,824	1,047	8,777	423	902	7,452
1953-54	8,056	172.000	1,047	9,274	1,287	7,987	297	745	6,945
1954-55	9,074		1,287	10,361	1,226	9,135	113	985	8,037
1955-56	9,809		1,226	11,035	1,548	9,487	246	1,096	8,145
1956-57	11,033		1,548	12,581	2,151	10,430	192	1,394	8,844
1957-58	10,638		2,151	12,789	2,222	10,567	269	1,453	8,845
1958-59	10,734		2,222	12,956	2,307	10,649	379	1,404	8,866
1959-60	12,074		2,307	14,381	2,192	12,189	258	1,656	10,275
1960-61	12,848		2,192	15,040	3,127	11,913	320	1,868	9,725
1961-62	13,660		3,127	16,787	3,398	13,389	399	2,625	10,365
1962-63	13,771		3,398	17,169	2,233	14,934	379	3,095	11,460
1963-64	12,565		2,233	14,798	2,092	12,706	358	2,740	9,608
1964-65	16,176		2,092	18,268	2,393	15,875	262	3,520	12,093
1965-66	14,504		2,393	16,897	3,440	13,457	535	2,730	10,192
1966-67	15,781		3,440	19,221	2,676	16,545	330	3,333	12,882
1967-68	13,399		2,676	16,075	2,836	13,239	407	2,020	10,812
1968-69[a/]	16,570		2,836	19,406	3,316	16,090	888	2,400	12,802

a/ Preliminary; subject to revision.

Sources: Canners League of California, Cling Peach Advisory Board, and U. S. Departments of Commerce and Defense.

TABLE 20

United States Canned Applesauce, Canners' Pack, Stocks, and Shipments

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total f.o.b. movement from canners' hands	United States government direct f.o.b. purchases	F.o.b. commercial domestic movement
	1	2	3	4	5	6	7
	thousands of cases; 24 No. 2½ basis						
1955-56	8,284	2,798	11,082	2,403	8,679	183	8,496
1956-57	9,454	2,403	11,857	3,293	8,564	140	8,424
1957-58	8,855	3,293	12,148	2,900	9,248	240	9,008
1958-59	10,395	2,900	13,295	3,073	10,222	550	9,672
1959-60	11,368	3,073	14,441	3,895	10,546	420	10,126
1960-61	11,757	3,895	15,652	4,350	11,302	683	10,619
1961-62	12,552	4,350	16,902	3,816	13,086	1,052	12,034
1962-63	12,362	3,816	16,178	3,535	12,643	574	12,069
1963-64	13,000	3,535	16,535	4,071	12,464	613	11,851
1964-65	15,314	4,071	19,385	5,520	13,865	551[a/]	12,314
1965-66	15,947	5,520	21,467	6,966	14,501	658[a/]	13,843
1966-67	11,481	6,966	18,447	4,510	13,937	368[a/]	13,569
1967-68	13,885	4,510	18,395	5,090	13,305	317	12,988
1968-69	14,119	5,090	19,209			174[b/]	

(Continued on next page.)

TABLE 20--continued.

a/ National School Lunch and related purchases only.

b/ Preliminary; includes Department of Defense purchases only.

Sources:

Col. 1: National Canners Association, Canned Pack Statistics (Washington, D. C., annual issues) and current mimeographed reports.

Col. 2: Monthly reports of National Canners Association converted to 24 No. 2½ basis, appearing in U. S. Department of Agriculture, The Fruit Situation, quarterly issues.

Col. 6: U. S. Departments of Agriculture and Defense and trade sources.

TABLE 21

United States Canned Apples, Canners' Pack, Stocks, and Shipments

Marketing year, June through May	Pack	Canners' stocks on hand at beginning of year	Total supply	Canners' stocks on hand at end of year	Total f.o.b. movement from canners' hands	United States government direct f.o.b. purchases	F.o.b. commercial domestic movement
	1	2	3	4	5	6	7
	thousands of cases; 24 No. 2½ basis						
1955-56	3,300	1,466	4,766	1,435	3,331	214	3,117
1956-57	3,603	1,435	5,038	1,542	3,496	403	3,093
1957-58	3,375	1,542	4,917	1,697	3,220	124	3,096
1958-59	3,348	1,697	5,045	1,334	3,711	498	3,213
1959-60	3,711	1,334	5,045	1,691	3,354	282	3,072
1960-61	3,060	1,691	4,751	1,341	3,410	a/	3,410
1961-62	3,667	1,341	5,008	13,73	3,635	330	3,305
1962-63	3,713	1,373	5,086	1,605	3,481	a/	3,481
1963-64	3,737	1,605	5,342	1,705	3,637	197	3,440
1964-65	3,614	1,705	5,319	1,615	3,704	238	3,466
1965-66	4,056	1,615	5,671	2,003	3,668	166	3,502
1966-67	3,204	2,003	5,207	1,349	3,858	b/	
1967-68	3,382	1,349	4,731	1,704	3,027		3,027
1968-69	3,316	1,704	5,020				

(Continued on next page.)

TABLE 21--continued.

a/ Less than 1.0.

b/ Blanks indicate no data available.

Sources:

Col. 1: National Canners Association, Canned Pack Statistics (Washington, D. C., annual issues) and current mimeographed reports.

Col. 2: Monthly reports of National Canners Association converted to 24 No. $2\frac{1}{2}$ basis, appearing in U. S. Department of Agriculture, The Fruit Situation, quarterly issues.

Col. 6: U. S. Departments of Agriculture and Defense and trade sources.